A NEWSPAPER
FOR AND BY
STUDENTS OF
U-T MARTIN

High School Edition

THE VOLETTE

Many Students On Honor Roll List

Baseball Begins Creeping Into Sports Picture

Famed Musical To Be Presented Here During February

Annual Poll Names Campus Leaders

Gresham & Johnson Top List

M.V.P. Award Goes To Vols' Fullback

New Horizons Beckon

Strata Club Is Scene Of Annual Banquet Honoring Gridders

Students Receive Minor Injuries In Wreck

Several Hundred Students Attend Winter Formal

Ag Club Discusses Plans For Banquet

West Tennessee Typing Contest To Be Held April

Campus Beauties To Be Chosen

Women's Dorm Elects New Quarter Officers

Scott Green Installed As Head Of Engineers Club

Business Administration Department

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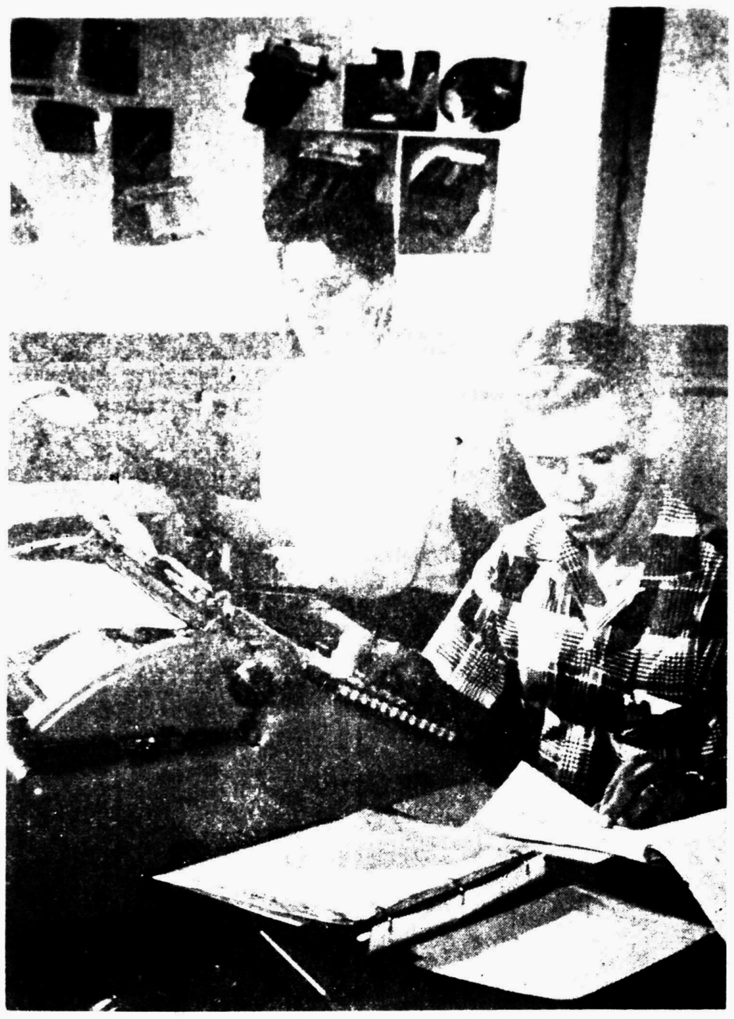
Journalism

Business Personnel Management



Students receive training in up-to-date accounting and [illegible] machines.

Courses Offered in Secretarial Science

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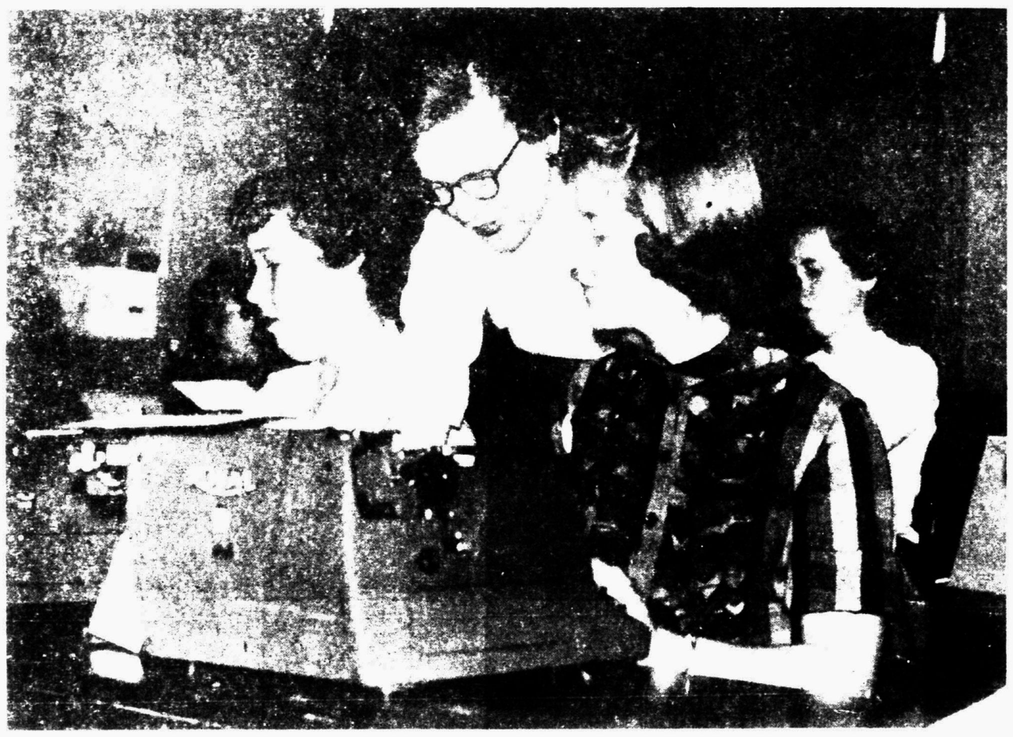
- TRANSCRIPTION



[illegible] office administra-

Courses Offered in Basic Business

- INTRODUCTION TO BUSINESS
- ACCOUNTING PRINCIPLES
- ECONOMIC PRINCIPLES
- TRANSPORTATION
- MERCHANDISING
- STATISTICS
- TAX ACCOUNTING
- LABOR ECONOMICS

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New officers are installed each quarter in the Business Club.

Making a scale model of a contemporary home is Mrs. Betty Henson of the Home Furnishings 341 Course.

Phyllis Boggan sells Sgt. Butler of the ROTC a birthday calendar as Lawanna Walker and Joyce Bizzelle await their turn to purchase a calendar.

Carolyn McClearin uses the tracing wheel to mark the construction lines of her blouse in T and C 121.

We Like Home Economics--So Will You!

Clothing Delight

By WANDA KLUTTS
and KAY KERR

Girls, do you like pretty clothes, clothes that are becoming to you? Do you like clothes that fit perfectly and are comfortable? Then here's your opportunity and I do mean opportunity. You have a chance to take a course in college that will give you just what you want. How? By teaching you to make them yourselves! Yes, by taking Clothing in college you can learn to sew. Now wait a minute before you say, "I've tried sewing and everything I make looks like a sack." I'll guarantee that you will like what you make and here's why. You learn the correct methods of sewing from people who know their business. You work with all types of fabrics. And you begin with a group that has no more experience than you have! What is more important, however, is that you get a garment that looks like one that you bought instead of one that you made.

That's not all, girls. You learn how to improve the looks of what clothes you already have. You also learn to pick out fabrics that give you the best wear. Did you ever go shopping and buy something that didn't live up to its claims? Well, in clothing you learn how to shop, to save time and money. What can a $100.00 suit do for you if you have rushed to town, purchased the suit, rushed home, dressed in ten minutes and made an appointment out of breath, tired, feeling awful.

Ever get a stain on your best dress? How to remove stains is only another one of the useful tips you acquire in clothing.

Well, I have only scratched the surface, but I hope I have given you some idea of what this course is like. Whether you are planning a career in Home Economics or becoming a homemaker, you'll never regret taking Clothing in college.

From Home Ec To You

By JOYCE BIZZELLE, *President, Home Ec Club*

"Hello" to each of you from the Home Economics Club on the campus. We are proud to say that this is one of the most active organizations on the UTMB list.

Social life is greatly enriched with the many functions we engage in through the school year. Among the most favored is the skating party, which takes place early in the fall. Perhaps I should say; for some, the fall takes place early in the skating party.

Along with the fun goes a little work. Our club undertakes two special projects each year. One result is the decorative orange and white (school colors) birthday calendars which have everybody's name typed in on the certain day that is his birthday. It's a treat to hear the students wishing each other a happy birthday.

The second special project for our club is the sale of homemade candy. What a sweet time we have in the Foods Lab when the bubbles start to boil. After the candy is sacked and boxed, it is put on sale in the Student Center. This year it will go on sale the first week in February.

The money from both projects goes into a scholarship fund and is awarded to several deserving home economics girls at the annual banquet in the spring of the year.

The shiny, new Foods Lab, located in the Home Economics Building, serves many purposes. The individual kitchens within the lab are quite adequate for the girls to complete their class assignments. The Home Ec Club meets there when a demonstration program is planned because it's so convenient and entertaining to look into that ceiling mirror and see the demonstration reflected there for easy viewing.

The Foods Lab becomes the center of activity on the night of the Fudge Party. 'Tis there that the boys don the frilly aprons and perform for their dates. They usually stir up some mighty tasty candy and even seem to enjoy washing the dishes. We make good use of the lab because of the opportunities it offers as a classroom and as a center of enjoyable activity.

So goes Home Ec here at UTMB. "So long" for this time.

Raising The Roof Miniature Style

By LAWANNA WALKER

Remember the Christmas you found a doll house tucked under the Christmas tree? Well, by the time you get to be a senior in college, especially a Home Economics senior, you've started thinking about that dream home. Sometimes you don't know just what type you would want if you were building a home so in Home Furnishings you build your dream home on doll house scale. It may sound easy, but take it from me, it's not.

At the beginning of the quarter you select a house plan you'd like to build, this of course must be within a certain price range and square footage is kept to a minimum. After you've made the necessary changes and usually there are plenty, it is time to make several drawings of the plan so you can see if you'll walk yourself to death and if there's ample storage space, windows and doors. Before you can begin the actual construction you plan your color scheme inside and outside. You've already learned how to select and blend colors for a harmonious appearance. This is a very important part of any home because color definitely affects your feelings. Too, the house is one unit and of course you wouldn't want it to seem like a bowl of confetti.

After all the preliminaries have been finished the actual construction begins. This differs from the carpenter who uses saws, hammers, nails and lumber because you use scissors, scotch tape and poster paper to build a miniature house, which you decorate inside and out as you would a real house. After the roof is on and the landscaping done, you can sit back and think how much simpler it was to *play* with that doll house, but just think how much fun it is to *build* your very own dream home.

Playmates

By ANN McHUGH
and MOLLIE HUFFSTETLER

Both men and women students find courses in Child Development and Family Relationships interesting at UTMB. Future papas and mamas observe as well as work with the children in the Nursery School. Some of the activities which they art apt to see are the following:

If one happens to look out of the window of the Home Economics Building during the morning one is more than likely to see children playing in the sandpile as they make cakes, build roads or buildings. Perhaps you may hold your breath as other children come whizzing down the hill on tricycles to narrowly miss the curve in the road. Or you may see some children climbing to dizzying heights on the jungle gym.

If you don't see them playing outside you may hear shouts of glee from the playroom of the nursery school house as a block comes tumbling down, only to be rebuilt with more blocks and even furnished with some of the doll furniture, so that a family may live inside.

Or you may hear music to which the children are dancing and whirling in their "dress-up" clothes. At other times it is hard to miss the strains of their enthusiastic voices as they sing favorite songs like "Skin to My Lou" or "Jingle Bells."

All of these sights and sounds are a part of the nursery school program in which the UTMB students take part as practice teachers. Here they have the opportunity to read stories to the 2, 3 and 4 year olds, to sing songs with them and to supervise their play activities.

DEPARTMENT HEAD RESUMES POSITION

Miss Mary Rachel Armstrong has resumed her duties as head of the Home Economics Department. During her leave of absence she worked with the government of India in setting up a program of home economics departments in Indian universities.

"Just fudgin' along"—Carolyn McCorkle and Billy Smith mix fudge at the annual Fudge Party.

Boys enjoy Home Economics courses. Here Guy Ed Robbins of the Mechanization of the House course explains the operation of the vacuum cleaner to other class members.

Mrs. Thomasine Penick Wadley is shown supervising several of the Nursery School children. Mrs. Wadley is a recent graduate of UTMB and is assistant nursery school teacher this year.

Nation's Strength Depends Upon Agriculture

Agriculture Is Backbone Of Nation's Economy

By J. E. McMAHAN

By J. E. McMAHAN, *Head Department of Agriculture*

Food and many of the other basic human needs are derived from the soil. Much progress during the past few decades has been made both in agriculture and in industry to provide for the people in this country and throughout the world a better way of life. Through improvement in our agricultural technology, we have been able to produce more per acre and per man. Consequently, millions who would have had to farm in order to survive are free to put their energies into producing many other things essential to the comfort and well being of man. Thus industrialization of our nation was dependent upon the released farm man power.

Today we are the best and cheapest fed nation in the world. Technological progress made in agriculture during the past decade has meant a saving to the consumers of this country of more than ten billion dollars yearly.

Agriculture today in the United States is a science. Further improvement in agriculture is dependent upon scientific research.

In recent months much has been written about the superiority of scientific research moving from this country to Russia. It is true that Russia has developed the out of space missile. We must catch up—yes we must get ahead in this and many other scientific fields. While we work and strive with all our might to gain leadership in missile and out of space objects, we must not lose sight of the fact that we are way ahead of Russia in food production and technological agriculture. At the same time let us make comparisons between our country and Russia from the standpoint of the training of agricultural scientists. Russia with only one half the number of college students that we have, is graduating two and one half times more agricultural students than we are. Russia is using a large number of language experts to translate our research findings. Since the end of World War II, Russia has secured from us high yielding hybrid seed corn, disease resistant wheat, high producing foundation breeding animals and poultry.

In Russia forty-five per cent of her people are engaged in farming; this is about where we were seventy-five years ago. Let Russia reduce her farm force by some sixty to seventy million and direct them into war preparedness and she will of course become a muc hstronger nation. Russia has a long way to go before she catches up with us in agriculture. If she puts more into improving her agriculture and we put less into the improvement of our agriculture, it is possible for her to surpass us.

Some educators have suggested that we put less emphasis on the teaching of agriculture. Under prevailing conditions this suggestion seems very unwise. The number of students graduating from Russia's agricultural colleges increased eighty per cent from 1948 to 1954; while during the same period the number graduating from our agricultural colleges decreased thirty per cent.

We can not do anything about Russia's scientific progress in agriculture. We want her to make progress in her agriculture. However, we must continue to make progress that will keep us well ahead in the development and application of agricultural science. We must make sure that we have sufficient numbers of well trained agriculturists. The opportunities for well trained agricultural college graduates is greater than ever before. Agricultural colleges throughout our nation report a definite need for from two to three times the number that they are now turning out.

National and state leaders must give careful attention to means by which American agriculture, the foundation of our security, will continue to grow stronger from year to year. The rapid growth of our population and the need of an abundance of food, now and in the years ahead, call for more and better trained agricultural scientists.

The Ag Club

By BILLY LIVINGSTON, *Class '59*

The Ag Club is one of the largest clubs on the campus. Its present membership is 101. The qualifications for membership in the Ag Club are to be a student in agriculture and pay the Ag Club dues which are $0.75 per quarter.

The officers for the winter quarter are as follows: David B. Shoaf, senior from Covington, President; Eugene McFall, senior from Savvannah, Vice-President; John White, junior from Martin, Secretary; Tom Hendrix, junior from Bethel Springs, Treasurer; Billy Livingston, junior from Parsons, Reporter; Danny Kerr, junior from Savannah, Sergeant-at-Arms; and George Gossett, junior from Holladay, Critic.

Each quarter the Ag Club has at least one project. The fall quarter they have the annual "Barnwarmin'," which is the biggest social event of the year. It takes place the night after the Homecoming football game. At the Barnwarmin' the Alpha Zeta Cup is given to the Honor Freshman Ag student of the past year. This year the cup was given to Dale Fuqua of Martin. The Ag Club also selects a kind and queen who rule over the Barnwarmin'. This year Ralph Johnson, of Scotts Hill, was selected as King, and Charlotte Taylor, of Sharon, was the Queen.

During the winter quarter the Ag Club has its banquet, which is to be held at Boyette's near Reelfoot Lake this year. In the spring quarter the club sponsors its annual Beauty Review and float which are entered in the West Tennessee Strawberry Festival at Humboldt each year. Also in the spring quarter the Ag Club has a hay ride and sponsors a barbecued chicken supper.

The Ag Club helped with the expenses of the newly formed judging teams at UTMB. The Livestock Team, under the direction of Dr. Starks, competed in the International Livestock Exposition, at Chicago. The Dairy Team, with Dr. Nichols as coach, also went to Chicago to participate in the International Collegiate Dairy Judging Contest.

Each month the Ag Club selects an outstanding Ag student whom they call the Aggie-of-the Month. The qualifications of the Aggie-of-the-Month are based on leadership, scholastic ability, and character. Each quarter there is an Aggie-of-the-Quarter selected from the Aggies-of-the-Month. At the end of the year there is selected from the Aggies-of-the-Quarter, an Aggie-of-the-Year which is one of the greatest honors an Ag student can receive.

Summer Work for Students

By JOHN M. WHITE, *Class '59*

One of the best ways to get experience in the vocation of your choice while a student in college is to work in this field during the summer vacation. The numerous summer job opportunities for the student not only contribute much valuable experience, but provide funds to help with school expenses in the fall and winter months. Most of these jobs pay rather well for student labor, but the monetary value cannot compare with the valuable experience gained.

Following are examples typical of employment available to the agricultural student. Marvin Childress of Martin, Tennessee, worked for Nicky Brothers Forestry Company of Memphis last summer. Here he learned from first hand experience the methods used in forestry management and reforestation projects now being carried out by Nicky Brothers.

This past summer, I worked for the Agricultural Stabilization Committee which hires many students each summer in West Tennessee counties. Much valuable experience is to be gained in the meeting and talking with many different farm people and learning their views on farm programs and problems. I also learned much about the national government's present day farm programs.

Glen "Buck" Dyer of Petersburg, Tennessee, worked for the Pest Control Divisions of the United States Department of Agriculture. He took part in efforts to stamp out the nematode pest in West Tennessee.

Bill Hicks of Union City, Tennessee, worked for the United States Department of Agriculture's Federal Crop Insurance Program. Since he is planning to accept permanent employment with the Crop Insurance Program upon graduation, Bill underwent on-the-job training the first part of the summer which consisted of a tour of the Southeastern United States to observe the operations of the program. Later on he worked with farm people directly in selling them risk insurance on their crops.

Agriculture Engineers

By EARL M. KNEPP,
Associate Professor of Agricultural Engineering

Today the average farm worker is producing twice as much as his counterpart did 25 years ago and four times as much as the same man 50 years ago. This is primarily due to the mechanization of field and farmstead jobs and the adaptation of farm buildings and equipment to labor saving methods.

This mechanization of farms has brought about many problems, the solutions of which require both engineering and agricultural knowledge.

Agriculture engineers are trained to apply engineering knowledge to the problems of agriculture. Young men who are coming to the point in life where they must select a field to take their training for a life's work will ask the question what are the prospects in the future in that field. This is a logical question and all we can do is point out a few of the facts and let you draw your own conclusions.

In the future, farms like many other businesses are going to require each man to produce more and more. This can only be done through the increased use of machinery and equipment. Also, the products farmers produce must be of higher quality which will require additional equipment. An example of this is the drying and the control of insects in market grain. Larger, more efficient and complicated tractors, tillage and harvesting equipment. Agriculture engineering aid will be needed in the design, manufacture, sales and serving of this equipment.

Soil and water management problems are going to confront farmers as long as we till the soil. Irrigation takes one of the chances out of farming. Its use has doubled in the past eight years and will continue to increase in the future.

More and more farmers must design and construct their own service buildings. Year after year they will use electricity to do more and more jobs on the farm.

Engineers with agricultural training and background will be in more demand in the future than they ever have in the past. If you like the farm and things about agriculture, it will pay you to investigate the possibilities for agriculture engineers. The field is large and the number of trained men is small.

Students study fruiting system of the peach.

All breeding poultry is blood tested for pullorum and fowl typhoid.

AGRONOMY CLASS VISITS KENTUCKY TOBACCO MARKET

By WILLIAM OWENS, *Class '58*

Mr. Elmer Counce and his Senior Agronomy Class visited the West Kentucky tobacco market at Mayfield January 11. At the market the 4-H Clubs and FFA Clubs of the Mayfield area were having their annual judging contest and sale. The class observed the U. S. government inspectors grading and setting the government support price on the various entries prior to the sale. After the official grading the tobacco was auctioned off to the highest bidders representing the different tobacco companies. Mr. Counce explained to the class the grading code used by the government inspectors and pointed out the desirable qualities of choice tobacco.

Following the auction the class toured the company warehouse and observed the tobacco being packed into hogshead for shipment to the various processing centers of the respective buyers.

The trip was not only educational and enlightening but proved very interesting and entertaining to the entire class.

UTMB DAIRY JUDGING TEAM

By JERE FOWLER, *Class '60*

Among the new activities in the Agriculture Department within the past year was a collegiate dairy judging team coached by Dr. James R. Nichols, Associate Professor of dairy husbandry.

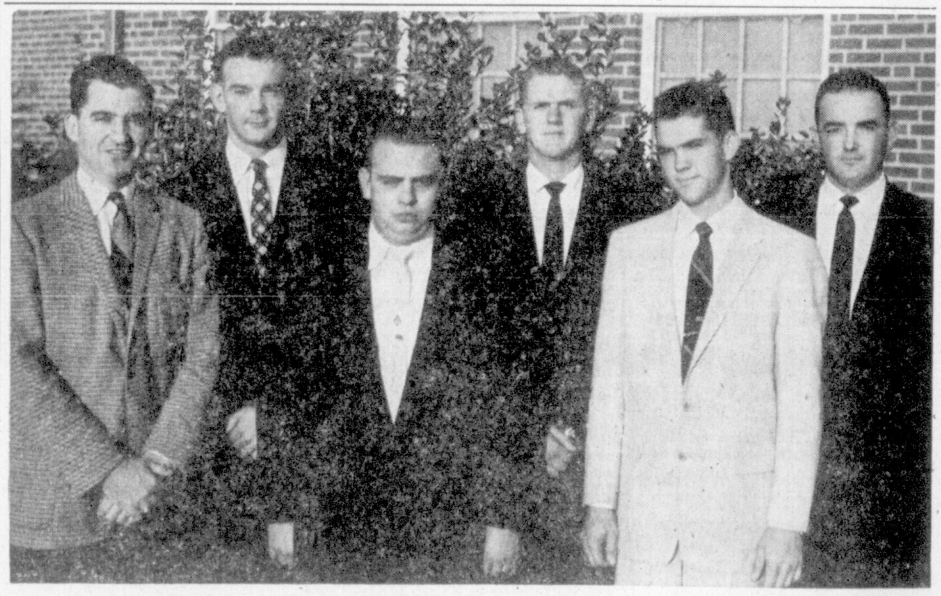
Since the organization of the team, much interest in dairy cattle judging has been aroused among the students in the Agriculture Department.

The purpose of the team is to help students attain proficiency in judging dairy cattle, which comes from strenuous practice in the field and study of the principles of judging in the classroom.

Much valuable practical experience is gained by the students while working out for the team and by actual participation in contests. Members of last year's team had the opportunity to see some of the finest dairy cattle in the world while visiting dairy farms and shows in Tennessee, Missouri, Illinois, and Wisconsin. Much practical knowledge of how dairy operations are carried on in other sections of the country was obtained also.

The highlight of last year's judging activities was the International Inter-Collegiate Dairy Judging Contest which was held at the world famous Amphitheatre in Chicago.

Big plans are being made for this year's dairy judging team. Why don't you try out for a place on the team? If you are interested, go by and talk with Dr. Nichols; he will be glad to discuss the plans and other details with you.



Dairy Cattle Judging Team—UTMB's first.

UTMB LIVESTOCK JUDGING TEAM

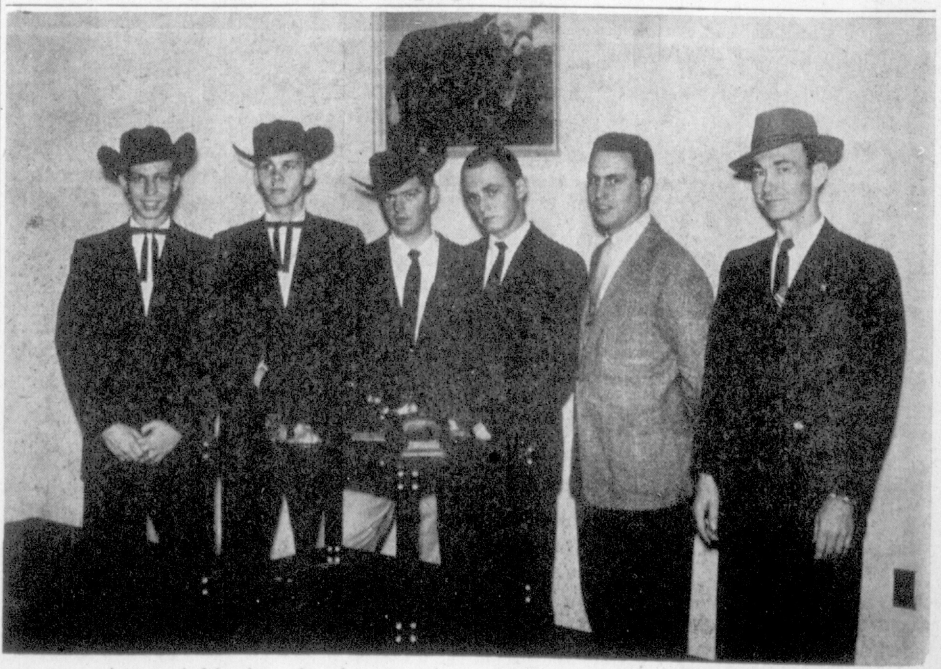
By MARK FARRAR, *Class '59*

This year, for the first time in the history of UTMB, there was a livestock judging team to represent them in various judging contests over the nation. I was fortunate enough to be a member of this team, and I can say with the greatest of confidence that this was one of the most enjoyable and most educational experiences that I will have during my entire college career. True, this took a lot of time and hard work in the field. judging cattle and giving reasons. All this work and worry is lightened, however, as you improve and begin to place cattle and see the reasoning behind your placings.

All this reaches a climax when you attend either the Mid-South or International Intercollegiate Judging Contest and hear your name called out as one of the top judges of the contest. You think of this as truly a climax to your judging career, but as I recall these moments now, I realize that my greatest reward is yet to come when I get out of school and start out in life. Whether I am a buyer for a packing plant, breeder of registered beef cattle, sheep or swine, or just the ordinary man who has a desire to select the tops in a class of animals; this will be my greatest reward.

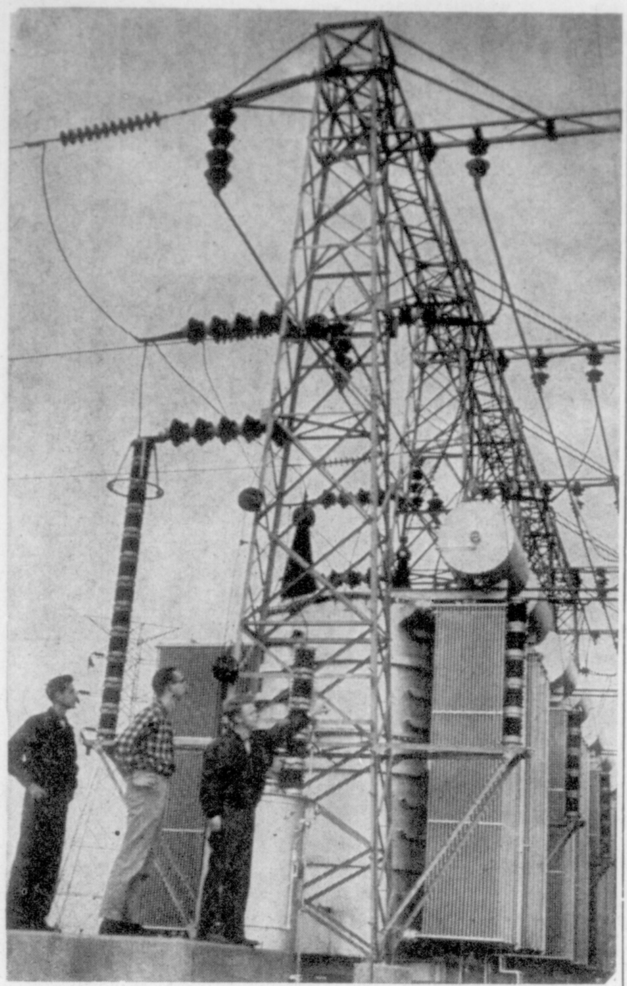
This new and enriching experience is now available for students majoring in agriculture at the University of Tennessee, Martin Branch, and without a doubt it is one of the greatest additions to our Agriculture Department.

Students study tobacco—Tennessee's second most important cash crop.



Animal Husbandry Livestock Judging Team—UTMB's First.

Engineering—Largest For Second Year



Field trips to nearby industrial facilities aid students in seeing the practical application of engineering.

Engineering Club Honors Members

By BILL STANFILL

As is the custom of the Engineering Club, three of its members have been designated as "Engineer of the Month" for the months during the fall quarter. The selections were directed by a committee headed by Bill Hulley, which selects five candidates, and from these five the faculty of the Engineering Dept. selects one.

Charles Callis, the elect for October, is a very versatile person. He attended the Union City High School, where he was an outstanding student. In his Senior year, Charles was class Vice-President. Besides being a member of the Beta Club, he devoted much time to football and track.

Here at UTMB, after serving in the Armed Services, Charles selected Physics as the branch of Engineering which he prefers and spends part of his time as physics laboratory assistant.

Wayne Tansil was chosen for the month of November. Wayne attended Martin High School. There he was privileged to go to Boy's State, was President of the Beta Club during his Senior year and participated in the school band for four years.

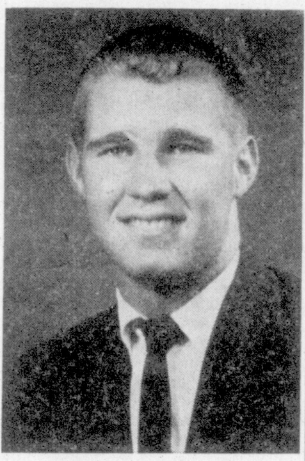
Here at UTMB Wayne has already been honored by his election as Vice-President of the Engineering Club for the fall quarter of '57. Wayne prefers math and has gone into the field of Electrical Engineering. This quarter he is participating in the coop program and is working for the Aluminum Company of America, Alcoa, Tenn.

In December Jimmy Stanford was selected for Engineer of the Month. Jimmy attended high school here at Martin and participated in all school activities. In his Junior year he attended Boy's State, in his Senior year he was elected President of Martin High School Honor Society and he participated in several sports.

Jimmy has a special ability in math and speculates that in the future he may teach that subject. In addition to his school activities he is a very active Methodist and has held several Sub-District offices.

CHARLES CALLIS

WAYNE TANSIL



JIMMY STANFORD

Opportunities In Mathematics

If you have read some of the many articles telling of the nation's need for students to study mathematics and science and engineering that have appeared in magazines and newspapers during the past several months, you may have had this thought. What are some of the occupational opportunities available as a mathematician?

In answering such a question, perhaps it would help some to point out the fact that mathematics arose in response to human needs. As soon as men began asking the questions: How much? and, How many?, numbers were needed. Primitive man, to be sure, required little mathematical equipment; a few whole numbers satisfied his needs. As civilization grew more complex, its growth was reflected in the development of mathematics. So today in the age of streamliners, stratoliners, rockets, radios, and nuclear energy when men still ask the same questions: How much? How many?, the measurements that give the correct answers are not always simple and easy to obtain. It will be well to remember that mathematics applies to anything that can be measured.

One of the important lessons of history is that much of human progress has been associated with the discovery of new knowledge. That this process is still going on needs no argument. Every day we see instances of it in new products on the market, in the search of new sources of energy, and in many other ways. Keeping pace with developments in other fields, new discoveries in mathematics are being made very rapidly. In fact, mathematics is growing at such a rapid pace that no one man attempts to become familiar with more than a small part of it.

To carry on this vast amount of research requires the efforts of many people. Much of the research in mathematics is carried on by persons belonging to the staffs of universities, who fill a dual role in teaching and research. However, during the past few years an increasingly large number of industrial corporations are establishing research laboratories to deal with problems which are met in the industry. Such laboratories employ mathematicians not only to do research in mathematics but also to act as advisors to the engineers and scientists of the staff. In either case research provides employment opportunities for the person above average in both interest and ability in the field of mathematics.

The role of engineering in the development of the natural and human resources of America has been an important and prominent one. Whether he is combining the different components of a structure, calculating the efficiency of power machine, or seeking the most economical use of material and labor, the engineer is inevitably faced with the necessity of making calculations and using or constructing graphs based on mathematical principles. In many cases the academic training of an engineer includes little mathematics beyond the sophomore year. To deal with the more advanced as well as the routine calculations that they must make many engineering firms retain as members of their staff both men and women who are experts in the field of mathematics.

We must not forget, however, that mathematics is a field of knowledge no different from many others in that it requires a considerable amount of study to master it. In this lies one of the greatest potential sources of employment—that of teaching. For several years our educational systems have been hard pressed to secure competent personnel to teach their mathematics classes. Today both colleges and high schools are facing a deluge of students in the very near future. On the basis of these facts, it would seem that those who wish to prepare for the teaching profession could well afford to consider mathematics for their area of specialization.

Mathematics Contest To Be Held At UTMB

Last year the University of Tennessee, Martin Branch, served as host to the High School students participating in the Regional Mathematics contest. Tests were given to qualifying students in Algebra I, Algebra II, Plane Geometry, and Comprehensive. Interest was good, and this region was well represented.

The contest will be conducted again this year at UTMB under the direction of Professor J. O. Jones, Head of Engineering and Mathematics Department, on April 4, 1958, and will include the high schools located in Lake, Obion, Weakley, Henry, Dyer, Gibson, Carroll and Benton Counties.

Some two years ago, at a meeting of the Tennessee Mathematics Teachers' Association, some reports were given showing the success of some local contests. At this meeting, the Association adopted a program for state-wide competition in mathematics. The purpose of this program is to stimulate interest in mathematics and to promote a higher level of mathematical competency in Tennessee. Students have long received recognition in athletic activities. The Association felt that students should also receive recognition for scholastic achievement, particularly in mathematics. Consequently, the state-wide program for high school students was adopted.

Who is eligible to compete? Any high school student may take a qualifying test at his school. On the basis of this test, students will be picked to participate in the contest to be held at UTMB. Qualifying students will then compete on a state-wide basis. Prizes will consist of certificates and engraved plaques for winners of first, second, and third place in the region and state. Plaques and suitable mathematics books will be awarded to the schools of the winning teams. Senior winners will be eligible for various scholarships at colleges in the state.

Co-op Program In Engineering Popular Here

Sixty-two freshmen engineering students have applied for the Engineering Cooperative Education Plan. This is a plan by which a student is placed in industry on a suitable job to gain experience while getting his college scholastic training. These students are required to attend college for a minimum of two quarters and establish themselves as good students. They must have a quality point average of 2.5, which is about half way between a C and a B and will place them in about the upper twenty-five per cent of the entering freshman class.

After selecting this plan and establishing themselves as good students, they are placed in industry on suitable jobs, which are allied with the type of engineering in which they are majoring. The students at the Martin Branch are placed on jobs through the University at Knoxville along with the Knoxville students and will continue to work at the same company until their senior year. This program takes a total of five years to complete and the student will receive about two years of experience. During this time they will earn an average of about sixty-five hundred dollars in wages which can represent a sizable scholarship.

The Cooperative student will either work the spring and fall quarters and be in school the winter and summer quarters, or work the summer and winter quarters and be in school the spring and fall quarters. It can be seen from this that students usually work in pairs and thus give industry the equivalent of a full-time employee for each pair. An effort is made to place students in industries of their choice, however, this is not always possible.

For further information regarding this plan, write to James O. Jones, Head of Engineering and Mathematics Department, University of Tennessee, Martin Branch, Martin, Tennessee.

Nuclear Engineering To Be Offered At UTMB Beginning Next Fall

Beginning with the Fall Quarter of 1958, a full two year program of nuclear engineering will be offered at Martin. This program is in keeping with the nuclear field and is such as to permit a student to transfer to Knoxville as a junior and continue his education toward a Bachelor of Science Degree. This curriculum was added to the College of Engineering on the Knoxville Campus this year, and Professor P. F. Pasqua has been appointed as Head of the department.

Dr. Pasqua has had much experience in nuclear work, having been on the Research Staff for the Oak Ridge Laboratories for several years.

The engineering department at Martin is proud to have the opportunity of participating in this valuable educational program. This means that engineering students at Martin may select any type of engineering that is offered on the Knoxville Campus, namely: civil, mechanical, electrical, chemical, industrial, engineering physics, nuclear or agricultural.

Strong Scholastic Program Offered

By J. ODELL JONES

Head of Engineering and Mathematics Department

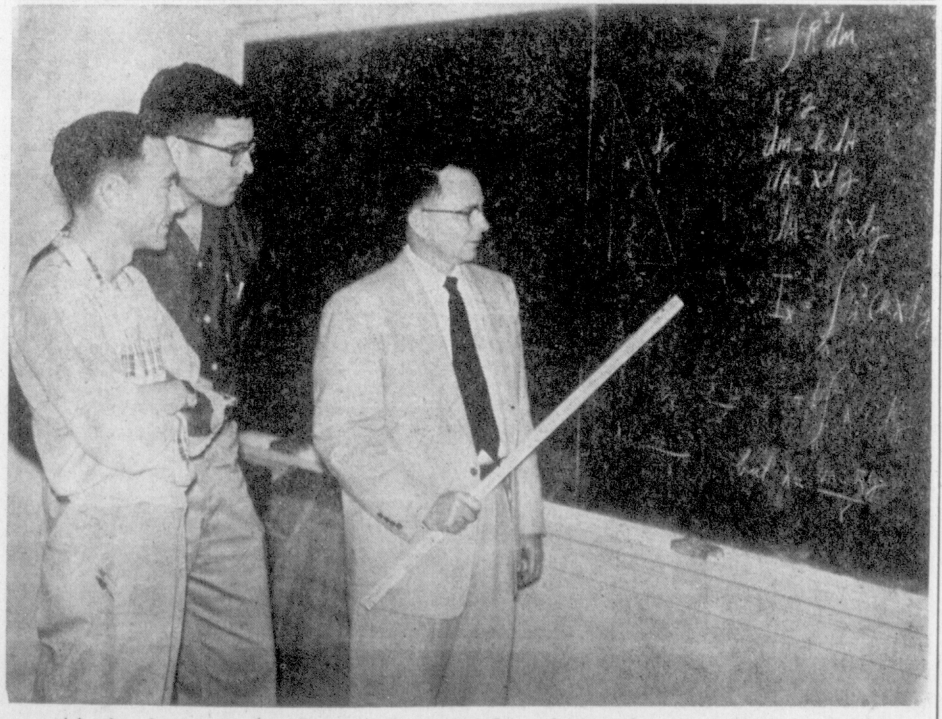
For the second consecutive year the Engineering Department has had the largest enrollment on the UTMB Campus, even though there is only a two year curriculum here. Two hundred and forty-five students enrolled in the Fall Quarter and two hundred and sixteen for the Winter Quarter, hoping to finish with degrees in some phase of engineering. This represents an increase over the 1956-1957 enrollment of forty-three per cent. Most of these students will continue with their junior and senior years on the Knoxville Campus but a few will transfer to other accredited institutions, with Alabama Polytechnic Institute at Auburn, Alabama, leading as the most popular out of state school at present.

There is no doubt but what the critical shortage of engineers has helped much to increase the enrollment in engineering, but also, the UTMB engineering curriculum is gaining much publicity as a good strong scholastic program which can be transferred to any good engineering school without difficulty, and many of the students are receiving honors on other campuses. Since the emphasis at Martin is only on a two year program, more time and effort can be spent in helping these students in their basic foundation work for engineering, which tends to be neglected in many schools in preference to the more advanced studies of the senior and graduate programs.

The Cooperative Engineering Program has also increased the interest in engineering. This valuable program aids many students by giving them experience in industry along with their college scholastic work, as well as great financial aid. The Cooperative students at Martin have earned approximately ninety thousand dollars from industrial positions in the last year. This represents a very substantial scholarship program and gives financial aid to many students who would have much trouble financing a college education.

The percentage of students that start engineering studies and are unable to complete them continues to be large. It is very difficult to determine why so many fail in this course of study but it is believed that the greatest single factor is poor study habits, or the unwillingness to study as much as is necessary. It is true that many are not as well prepared in high school as they should be, but much of this can be overcome by a little additional effort on the student's part. Any student who is considering engineering should have a basic liking for mathematics along with the ability to learn analytical types of problems. Mathematics is the foundation upon which all engineering is based. In preparation for a career in engineering a student should start preparing himself in high school by taking all courses in mathematics and science which can be taken, especially mathematics.

Students learn surveying in the field, using modern surveying equipment.



Mathematics is fundamental to the foundation for engineering and here an instructor is helping two students to learn these fundamentals.

The Engineer's Costume Ball which was held in the Spring Quarter of last year was one of the most successful social events of the school year.

The Department Of Liberal Arts

The Curricula In Liberal Arts

By GEORGE HORTON, *Head, Department of Liberal Arts*

Recent world events have focused the attention of all thinking Americans on the importance of the Liberal Arts subjects. We must not only KNOW HOW, if we achieve superiority in technical advancement, but we must likewise KNOW WHY, if we are to be able to utilize these advancements in a strife-torn world.

Liberal Arts comprise the entire range of man's intellectual activity including the humanities, natural and social sciences. Liberal Arts Courses are designed to prepare students to become good Americans. They teach the student to think, to become familiar with the lives of great men of the past, to understand people in our modern world and finally to provide facts, ideas, initiative and vision for use in the future.

The lower division courses taught in the Department of Liberal Arts are fundamental not only in the training of the students enrolled in The Curricula in Liberal Arts, but also are of basic importance to students in other curricula.

During this year the Department of Liberal Arts was authorized to offer for the first time, forty additional courses in the Biological Sciences, English, Physical Sciences and Social Sciences. Many of these courses are in the upper division and provide pre-professional students, as well as students in other curricula, a wide choice of electives.

The Department of Liberal Arts is one of the six academic Departments of The University of Tennessee Martin Branch. This Department includes the following divisions: Biological Sciences, George Horton, Chairman; English, H. H. Kroll, Chairman; Physical Sciences, A. Norman Campbell, Chairman; Music, Harriet T. Fulton, Chairman; and Social Sciences, H. B. Smith, Chairman.

The Curricula offered in the Department of Liberal Arts are: Pre-Medicine, Pre-Dentistry, Pre-Nursing, Pre-Law, Medical Technology, Liberal Arts, Music and Pre-Pharmacy. During the Fall Quarter of this year, one hundred and thirty-three students were enrolled in these curricula.

Our Institution is indeed proud of the fine work its pre-professional graduates are doing in professional schools after they leave here. Many of them are making enviable records in professional schools of Medicine, Dentistry, Pharmacy, Medical Technology and Nursing. Frequently, they are the scholastic leaders in their respective classes.

The majority of our pre-professional students continue their training at Medical Units of the University at Memuhis. During the Fall Quarter 1957 there were sixty of our former students enrolled there in professional courses. About half of these were enrolled in Medicine.

A student ponders a problem in Plant Pathology.

Progress In Physical Science

Eight new courses and fall quarter enrollments of over seven hundred were the principal marks of progress in the Physical Sciences Section of the Liberal Arts Department this year.

This section, which has on its staff seven full-time instructors, offers during the school year seven quarters of chemistry, seven quarters of geography, four quarters of geology, eight quarters of physics, and three quarters of physical science for prospective elementary and non-science teachers. Several of these courses are also offered during the summer quarter.

While some students probably enroll in physical science courses only because such subjects are required in their courses of study, the vast majority are working toward one or more of three important aims.

The first aim is a cultural one, and may be described as a greater knowledge and better understanding of the world about us. This understanding leads to a greater appreciation of the things of nature, aand is especially important in these days of sputniks and proposed spaceships in helping us to interpret the daily news.

The second important aim is the preparation of the student for further technical training in his chosen profession. The basic physical sciences are necessary background for training in medicine, in specialized fields of agriculture, in the various forms of engineering, and in many other technical fields.

The third important goal of the physical sciences is to prepare the student directly for his work in life. Those who desire to teach science in high school, for example, may be certificated to do so by taking the physical sciences as part of a science major while getting their degrees in Education at UTMB.

The Physical Sciences Section has just reason for a bit of pride in the healthy growth it has enjoyed, and the worthy aims its students try to achieve.

Social Studies

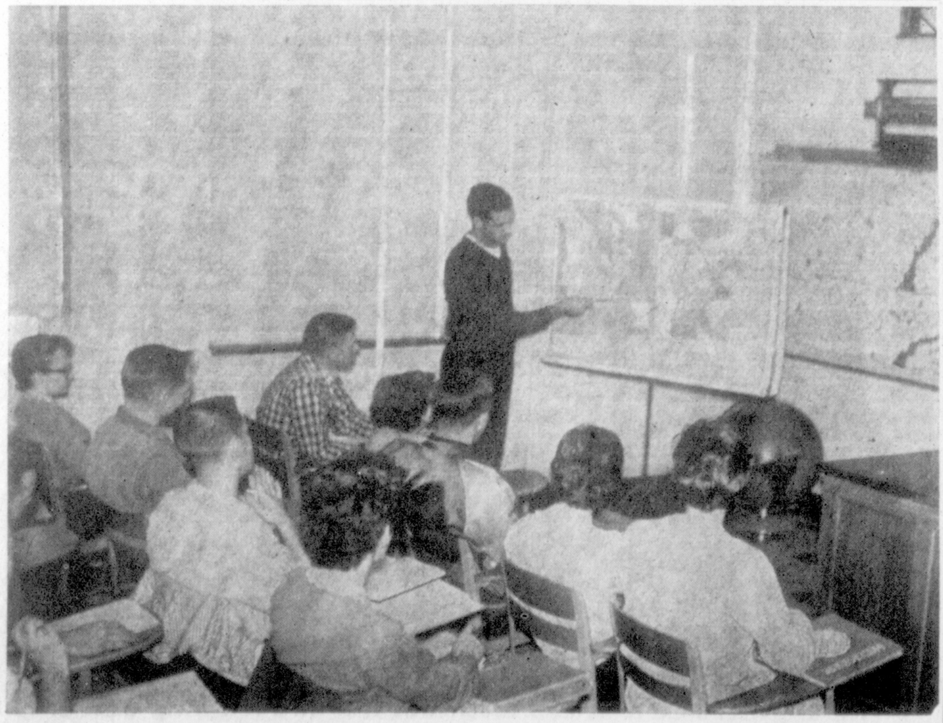
The courses in the Social Studies at The University of Tennessee, Martin Branch, are designed to meet the needs of those who plan to teach in the social science field, of those who want a broad cultural background for whatever field of endeavor they may plan to enter, of those who wish to prepare themselves for more effective participation in public affairs, and of those who just have an eagerness to know how civilization has developed and how it works today.

The student who wishes to teach the social studies in high school may complete here at UTMB courses that will entitle him to a teacher's certificate in the broad field of social studies, including European history, American history, sociology, economics, geography, and civics or government.

Social studies majors may find employment in various fields other than teaching. The federal government employs a number of people with social studies background to serve as archivists; historians, who perform research in numerous areas of historical study related to governmental affairs; foreign affairs officers; intelligence specialists; social administration workers; personnel workers; and a great many other civil officers.

In this age of space travel, nuclear weapons, atomic powered machines, and cold war, great emphasis has been placed upon science and mathematics. This is as it should be. But no less emphasis should be placed upon the science of human relations. With the power to destroy civilization now in the hands of men, it is more important than ever that men be trained in the technique of getting along one with the other, nation with nation, and race with race. The social studies provide men with the background for more effective participation in the public affairs of today.

For those who really want to know how the social, political, and economic order of today has developed, there is no field of study more interesting than that of the social studies. Here at UTMB courses have been designed to satisfy that desire. High school graduates are invited to select as a field of major study or as background for participation in the affairs of today the social science field.



A knowledge of geography is essential in this modern space age.

The English Program At UTMB

You HAVE to take it! There's just no getting around English at UTMB (or any other school, for that matter). But the English department believes you will LIKE IT! At least, we hope you will see the necessity of the courses you are required to take, and from there move to electing it for your own reasons. For we are sure that the editors of the General Electric Bulletin, "Why Study English?," are correct when they say: "a solid background in English is prerequisite to happiness and well-being."

For the sake of your immediate success in college, and ultimately for the sake of your future employer, our Freshman English courses are designed to increase your knowledge of good writing and good reading. English 111 emphasizes the importance of being able to write successful paragraphs and being able to read critically and creatively. Literature is taught in all Freshman courses, but the emphasis in 111 is placed on the essay and biography. In 112, you are introduced to types of imaginative literature, the short sttory and drama, with the emphasis here being placed on the analysis of those types. The writing in 112 is concerned primarily with the whole composition. And in 113 the literature is types of poetry while the composition is centered on problems of the research paper. The ultimate aim of our Freshman program is to help the student achieve the ability to read creatively and to write effectively.

Although composition is not over with the freshman year, our Sophomore English courses give it less attention. English 211, 212, and 213 are primarily surveys of English and American literature. English 211 includes such giants in our literary heritage from England as Chaucer, Shakespeare, Milton, Swift, and Pope. English 212 includes the works of Burns, Wordsworth, Byron, Keats, Tennyson, and Browning. And English 213 is a survey of American literature, from our Colonial beginnings to our own day. In all these courses (many students are required to take two or possibly all three of them) the emphasis is placed upon the readings, which we believe tell us not only of our heritage but also of ourselves as thinking individuals in the present day.

The English department also offers courses in Public Speaking, Children's Literature, Journalism, Communication, advanced courses in both English and American Literature and language, and a new course, "Aesthetics of Western Man since 1500."

Music Department Sponsors Variety Of Productions

If at any time this quarter you hear the strains of OKLAHOMA drifting across the campus, don't be alarmed. Nobody left the hi-fi on too loud—it's just the college chorus practicing on their songs from the show OKLAHOMA. The chorus, in connection with the Vanguard Theater, is working on the show and the production is to be staged February 14 and 16.

But is this ALL? Let's look around the music building to see if we can find any other form of life. Here are stacks and stacks of music—wonder what they're for? Oh, I see, it's the music the chorus used fall quarter. It's Handel's MESSIAH. This year we had 60 people singing in it and to me, it sounded wonderful!

The rest of this music is for the variety show the chorus will give next quarter. We really enjoy that program, especially when we take it to high schools in the area and get a day off from classes. And oh, yes, we'll be singing at the commencement exercises here at UTMB in June. There's never a dull moment in chorus—that's for sure—and we get credit for it, too.

Let's see, who's in the next room here. OOPS! That IS the hi-fi and we almost interrupted the Music Appreciation class. Miss Fulton and Mr. Stewart have two classes in appreciation this quarter, as well as classes in Music Theory and Music History for those students who wish to major in music.

Surely there'll be an empty room back here somewhere so we can sit down and rest a minute. Nope! There's a voice student in one room. (He *was* working on a piece by Bach that Miss Fulton just gave him, but now he's practicing one of his songs from OKLAHOMA.)

In the other practice room we have a pianist working very hard on one of Clementi's *Sonatinas*. Mr. Stewart ought to be very happy with this young lady's progress on the *Sonatina* by her next lesson.

During the Spring, all these students who are taking private lessons in voice and piano will be giving recitals, and they'll have a program over the local radio station.

Music, music, music! Well, I guess we'd better go, as it's almost time for the bell. Here come the young teachers who have their music education class next period. They really have fun learning what's what about teaching music but let's get out before they start tooting those flutophones, banging rhyhm band instruments or playing the autoharp and piano.

Well, we'll see you around campus. Make sure you "stick around" this Music Building, though. If you don't, you'll miss lots of fun.

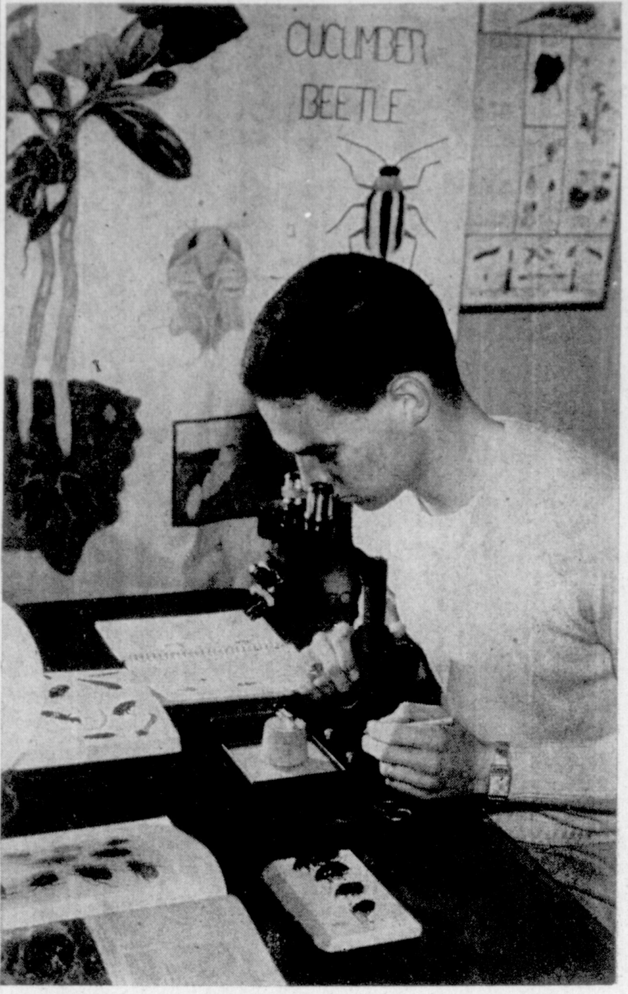
Biological Sciences Contribute Much To Understanding

By *GEORGE HORTON, Chairman, Biological Sciences*

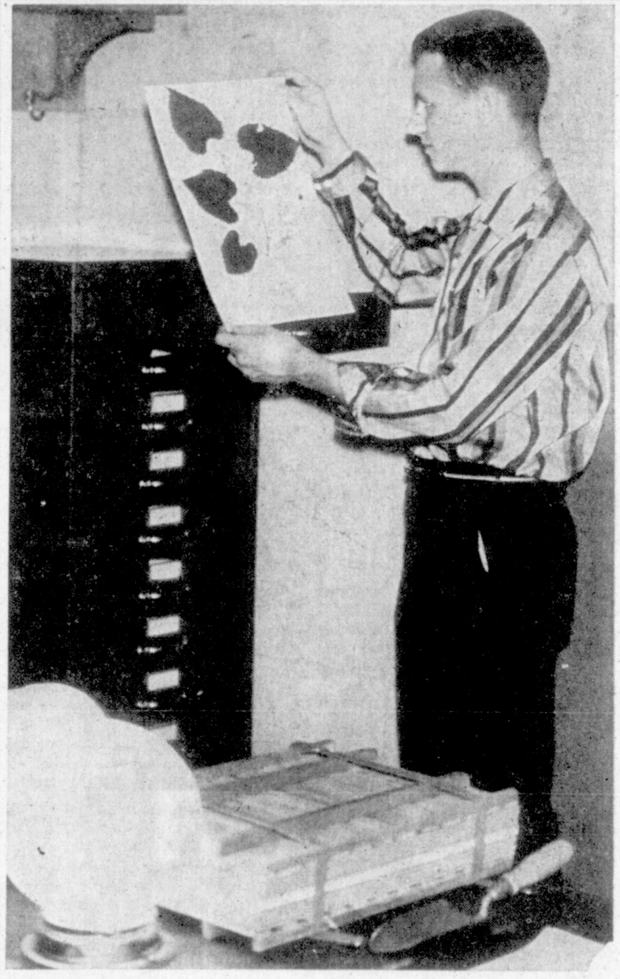
Protoplasm, cells, tissues, organs, systems and relationships between them have for many years fascinated students of the Biological Sciences. Today these sciences contribute much to man's understanding of the world in which he lives and above all, they facilitate an understanding of man himself for man is immersed in biological phenomena before birth, during life and even after death.

The biology courses available are: Elements of Biological Science, General Bacteriology, Advanced Bacteriology, Agricultural Bacteriology, Fundamentals of Botany, The Plant Kingdom, Field Botany, Plant Pathology, Introductory Plant Physiology, General Zoology, Economic Entomology, Ornithology and General Genetics.

The Division of Biological Sciences has an experienced and well-trained staff of six members. The teaching of biology is greatly facilitated by excellent equipment and physical facilities.



Students in General Entomology identify many insects.



Field Botany students learn to identify and mount common plants.

Detecting radioactivity with a Geiger counter helps these education students have a better conception of the world of science.

Today's Teachers Shape Tomorrow's World

A Message To A Future Teacher

Dear Future Teacher:

I hardly know where to begin in telling you how glad we would be to have YOU in the Education profession and department of Education at UTMB!

We feel we already have a tremendous college and that it is growing by leaps and bounds. Many things are in the offing for our department in the coming year, and perhaps the best one is that the first class of Education majors will receive their diplomas come June 1959! For us, this is a dream come true; and we hope that it will soon mean as much to you.

Our Future Teachers' Club is the link between our academic and social life. Through the Club you can make a host of friends who are members of your chosen profession. At the meetings interesting speakers, panel discussions, and wholesome recreation provide an integral part of your college education.

The Club activities are many and varied. An informal party is held twice a year, but the big event of the year is the FTA Banquet. At this event there is a guest speaker from the education profession, lots of good food, a rollicking program, and dancing afterwards. It really is quite an event.

One word about the spring event . . . it's a picnic, literally speaking! At that time we leave books behind and join our fellow future teachers and head for the "great out-ofdoors." And we sincerely hope that YOU will be heading with us next year !

The list could go on; but we can sum it up for you by saying that if you have decided to enter the field of education, you have chosen an honored profession full of happiness and satisfaction. And nothing proves this any better than joining with other future teachers in an organization whose prime purpose is the giving and sharing of ideas of our profession and happiness in our profession . . . with the intended result being a brighter America for the future.

Sincerely,

Nelson Edwards, President
The Future Teachers of America
Martin Branch Chapter Officers

"Teacher Talk"

By BARBARA BROOKS

Hi, all you high school students! We're really glad to have the opportunity to tell you just a little about our college and to extend to you a warm invitation to come visit us—and even better, to come join us next year.

We have lots of activities planned for the rest of this year, and we're going to let you in on a few of them. Boy, are you lucky!

February 14 is not only St. Valentine's Day, but it's the date of the big FTA Banquet. (FTA means Future Teachers of America.) This great event is to be held at Paris Landing, and we're all really looking forward to it. It's to be complete with hearts, flowers, and A.B.C.'s! We had to get those in there since we *are* going to be teachers.

Something else in the future is the starting of some FTA clubs in several of the high schools in this area. If your high school is interested, just drop us a line and give us the good word. We'd be real pleased to hear from you.

By this time next year we will be getting ready to move into the new Administration Building which, by the way, even has complete air-conditioning! WOW. But a feature that we of the Education Department really like is the Curriculum Lab which will contain all the modern facilities for training future teachers. Look what you'll miss if you don't come to UTMB!

Something really big that's brewing in the Physical Education Department is Carnicus which is a big extravaganza featuring all the P. E. classes . . . tumbling, modern dance, folk dance, games, and just about anything else you could imagine. You haven't lived until you have been in Carnicus!

Something really interesting is the fact that so many secondary education majors are taking their endorsements in the field of science and mathematics. Wonder if Sputnik had anything to do with that? If you're interested in teaching someone how to build a "Sputnik," UTMB is the place for you to learn!

We can't leave without saying that we think our faculty is tops! Mr. Glenn Gallien is head, and Mrs. Marguerite Walker, Mr. Elmer Inman, and Mr. Vernon White are his "right hand men." They would love to meet you too!

If you're ever in this vicinity, stop by to see us. We would surely enjoy meeting you and telling you all the nice things about UTMB.

Supervised teaching in real-life situations is a part of the program of the curricula in Education.

Tomorrow's Teachers Are Trained Today

By GLENN S. GALLIEN, *Associate Professor*

Head of Department of Education

The College of Education initiated its expanded program at the Martin Branch this year with curricula leading to degrees in both elementary and secondary education. The program, identical to that offered on the Knoxville campus, is built around general education and professional education requirements. It is designed to promote democratic citizenship and the improvement of living in our present-day society.

The curriculum in elementary education offers a broad field of training with specialization in the teaching of elementary students. An effort is made to help the future teacher acquire an understanding of the natural environment and its relationship to human welfare. Such training helps the student to do logical, relational, and imaginative thinking, to make relative judgments, and to discriminate among moral and spiritual values, applying them to day-by-day human relationships. To develop the requisite attitudes, dispositions, appreciations, understandings and skills, is an all important task of the teacher educational program.

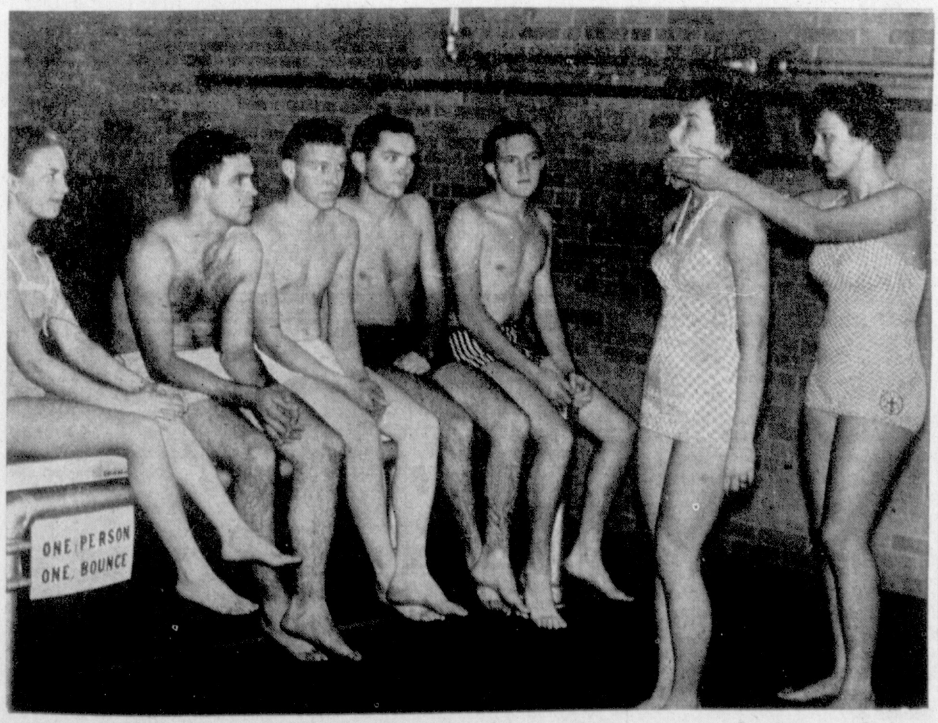
The program in secondary education is designed for the training of high school teachers. Endorsements are offered in the fields of English, Business Subjects, Social Studies, Biological Science, Natural Science, Physical Science, and Physical Science and Mathematics.

The courses in general education are designed to lead the student to maintain aand improve the effective use of his own health and to assume his shade of responsibility for protecting the health of others. The basic skills of communicating effectively through reading, writing, speaking, and listening are taught as accepted objectives of general education. For the teacher, general education is not only a preparation for professional competence, but for personal living, family life, civic responsibilities, and community leadership. It is believed that the teacher should be an effective person and a contributing citizen of the community.

The professional courses provide the student with real-life situations in child-study, supervised teaching, group recreational activities, and other phases of the program. Along the teaching methods, students learn to use many types of audio-visual devices for the enrichment of the instructional program. Emphasis is placed upon the "whole school" and the "whole child" as students gain experiences inside and outside of the classroom and in the public schools of Martin.

The improvement of living is the goal at which the educational resources of UTMB are being directed. Educational leaders and citizens are concerned over the need for continuous development of improved school programs. These programs have as their major purpose the helping of pupils, parents, and community leaders to raise the standards of living in the state.

Education Club officers are leaders in campus activities.



Demonstrating and learning life-saving techniques are the aims of this Physical Education class.

Expression through music is an objective of Music Education classes.

Building units better enables us to teach others.

New Horizons In Health And Physical Ed.

By JAMES C. HENSON, *Associate Professor,*
Chairman of Health and Physical Education

More and more people are reaching college age each year due to our nation's rapidly increasing population. Scientific and technological development make it imperative that more of these young people attend college in order to compete for jobs in this age of electronics, missiles, and nuclear power.

In order to keep pace with our rapidly expanding college enrollment, new facilities, and programs must be added and developed in all departments.

UTMB this past year has added courses required for a degree in Education. Plans are being advanced to add health and physical education courses necessary for teacher certification in this field. There is still a great shortage of adequately trained teachers in all fields and the need will increase with our increasing population.

Two additional instructors were added this past year to take care of the increased number of classes and three public health courses were added in connection with the four year program of teacher education.

It is hoped that plans for a new physical education building will be realized in the very near future and that new outdoor facilities can be added for tennis, baseball and other activities.

With a new building and the addition of enough courses to meet teacher certification requirements, the Health and Physical Education Department will indeed move forward to new horizons. Then our graduates will become coaches and physical education teachers in many more of the schools of West Tennessee.

This will help to increase even more the rapidly growing numbers of high school graduates who are making UTMB their choice.

The Volette

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Editor .... Bettye Privett
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REPORTERS: Beverly Pouncey, Billy Clendenin, Sandra Roush, Jimmy Townsend, Maurice Fields, Jerry Douglas, Kay Adkins, and Billy Counce.

Sponsor .... Ed M. Chenette

LET'S DANCE

Ballroom Dance classes to be held each Wednesday night at the American Legion Hut—Martin. Classes for Martin university students will begin Jan. 29th at 7:30 until 9:30. The charge will be $6.00 per month.

DANCE INSTRUCTOR WILL BE MARTY MARTIN FROM WDXI-TV'S TOP TEN DANCE PARTY

ROTC Dept. Offers Varied Activities

The R.O.T.C. Program at UTMB consists of two hours of class and two hours of drill each week during the fall and spring quarters, and three hours of class-work each week during the winter quarter.

All instruction is given by selected, competent military personnel using the very latest methods of instruction and training aids. The following subjects are included:

FRESHMAN YEAR: *Organization of the Army and R.O.T.C.*

Individual Weapons and Marksmanship; which includes training with the M1 rifle, carbine, and automatic rifle, and firing on the indoor range.

American Military History.

School of the Soldier and Exercise of Command.

SOPHOMORE YEAR: *Map and Aerial Photograph Reading.*

Roll of the Army.

Crew-Served Weapons and Gunnery: including the .30 and .50 caliber machine guns, .81 millimeter mortar, 106 millimeter recoilless rifle and the 3.5 rocket launcher.

The drill period is conducted by the student officers under the supervision of the Military Department personnel.

In addition to the regular curriculum the program also offers the following activities in which everyone is invited to participate.

R.O.T.C. Band offers much to those boys who play musical instruments. The Band plays for the R.O.T.C. parades and also on other special occasions.

The R.O.T.C. Rifle Team is always open to any Cadet who is skilled in rifle marksmanship. It participates in a few yearly shoulder-to-shoulder matches and many postal matches. The team for the fall quarter has done especially well in its matches. Several of the members have qualified for the R.O.T.C. Small-bore Rifle Marksmanship Badge.

Each year the R.O.T.C. sponsors one of the larger socials of the year. This is the annual Military Ball. The Ball will be held February 15 this year.

The R.O.T.C. Cadet Corps consists of three companies—"A," "B," and "C." Each company is broken down into three platoons. The Corps contains 230 freshmen and 114 sophomores.

R.O.T.C. Rifle Team firing on the indoor range.

UTMB SPORTS

Boost the Vols

CAMPUS LEADERS - -

(Continued from front page)

education from Selmer; Joyce Thomason, senior in home economics from Martin, and Ann McHugh, sophomore in home economics from Trenton.

Jimmy Blankenship, sophomore in pre-dentistry from Bruceton; Jere Freeman, senior in Agriculture from Martin, Tom Crenshaw, sophomore in pre-medicine from Trenton; Bobby Kendrick, junior in business administration from Brownsville; Mark Farrar, junior in agriculture from Shelbyville; Tom Hendrix, junior in agriculture from Kenton;

Joe Walker, sophomore in premedicine from Trenton; Billy Criswell, sophomore in pre-dentistry from Dyersburg; Hugh Lashlee, senior in business administration from Camden; Scotty Greene, sophomore in agriculture from Dyer; and Tom Parnell, junior in engineering from Newbern.

HOME EC CLUB SEES SLIDES FROM INDIA

By NANCY JO DORAN

The Home Economics Club held its first meeting of the new year on Monday night, January 6.

Highlight of the meeting came when Miss Mary Rachel Armstrong, Head of the Department of Home Economics, showed color slides of her two years' adventure in India.

Vols Trip Bulldogs With Team Effort

By MAURICE FIELD

The Vols tripped the Union Bulldogs for the second time this season to the tune of 95 to 78. It was truly a team victory in all respects. The men not shining on offense did their part on defense. Every man on the Vol bench saw action.

Edward Jones went completely wild as he clobbered the goal for 31 points. A lot of his hits were one-hand set shots from behind the keyhole. He was followed by James Hart, who also played a great game as he compiled 20 points. Buddy Viniard drove in and jumped for 2 points several times from real close to collect 18 points.

The Vols dominated the boards as they pulled in 55 rebounds. Big Bill Brown retrieved 14 rebounds to lead the pack. Hart, Rucker, and Wilhaucks brought in 10, 8 and 6 respectively.

Buddy Viniard hit 8 of 10 foul shots to have the most attempts, most conversions and best foul shot average for the night.

Lee led the Bulldogs with 19 points. He was followed by Jerald Hill with 16 points and Moore with 14 points.

UTMB hit 37 of 79 field goal attempts or 47 percent. They made 21 of 33 foul shots, pulled in 55 rebounds and were charged with 25 personal fouls.

The Union Bulldogs made 24 of 76 field goal tries or 31.6 percent. They cashed in on 20 of 40 foul shots, collected 31 rebounds and made 25 fouls.

Halftime score: UTMB 44, Union 27.

UTMB 95	*Union 78*
Hart 20	Moore 14
Rucker 6	Lynn
Brown 6	Evers 5
Jones 31	Hill 16
Viniard 18	Lee 19
Wilhaucks 6	Scott
Guenther	Orr 8
Shea	Forsythe 10
Jackson 6	Sibley
Thompson	Cundiff 4
Forgy 2	Hawkins 2

Jones' 30 Points Aid In Downing Belmont

By MAURICE FIELD

UTMB opened the second half of its schedule January 9 by beating a good Belmont College team 82-75. The game was played at Belmont.

Ed Jones, Vols' star guard, once again led the scoring as he tossed in 30 points on 11 field goals and 8 of 9 foul shots. Jim Hart was next in line with 20 while Viniard had 14 and Rucker 11. Vradenburg led the Belmont scoring with 21 points.

Jones and Viniard both played excellent floor games while Brown and Rucker did the bulk of the rebounding. The Vols were able to fast break a number of times and got some 75-80 shots at the basket.

Both teams had good shooting averages of between 37 and 40 percent, while Belmont had a slight edge in gathering rebounds. However, the Vols had more shots and outscored the losers 34 to 30 in field goals.

The game was nip and tuck for most of the first half, with the lead changing hands numerous times. The Vols went ahead 26-24 midway in the half, and were never behind after that. At the half UT had a 6-point lead, 43-37.

In the opening minutes of the second half, the Vols spurted to a 10-point margin and held it until near the end of the game. Belmont pulled t o a 4-point deficit, 77-73 with 1.10 left to play. Hart and Viniard then hit on 4 straight points and the game was safely in the victory column.

The win gave UT a 9 and 1 record for the season.

UTMB 82	*Belmont 75*
Hart 20	McClendon 13
Rucker 11	Julian 4
Brown 6	Fentress 11
Jones 30	Greer 15
Viniard 14	Vradenburg 21
Guenther 1	Cunningham 11

Halftime score: UTMB 43; Belmont 37.

OVER A HUNDRED ARE ENROLLED IN RELIGION COURSES

Over a hundred students are enrolled in the two religion courses offered this quarter. Religion 130, a survey of the Old Testament, is taught by the Rev. George Sparks.

The number enrolled in Religion 260 necessitated the formation of two sections. This course, which is a study of the New Testament, is being taught by the Rev. Brady Whitehead. The number enrolled in these two courses showed a marked interest and expansion in the relatively new School of Religion.

CBC Outscores Vols, 80-66

By MAURICE FIELD

UTMB lost its second game in a row January 21 to the Bucs of CBC, by the score of 80 to 66. The Vols led after 10 minutes, 25 to 21, but they only scored 2 points in the next 5 minutes to the Bucs 12 points. From this point it was no catching up. CBC led 37 to 32 at the half.

Hart led the Vols on offense as he accounted for 18 points. Jones was not far behind with 13 points.

Lowry led CBC's attack with 21 points. He was followed by Kuran, Hoag and Yacullo with 15, 15 and 14 respectively. These four were responsible for 41 points during the first half.

Rucker pulled in 8 rebounds for the Vols. Jones, Brown and Wilhaucks each had 6 rebounds.

Rucker tallied on 6 of 7 foul shots for the game's high foul shooter.

The Vols hit 25 of 64 field goal attempts and 16 of 25 foul shots. They totaled 29 rebounds and 20 personal fouls.

CBC hit 32 field goals out of 57 attempts and 16 of 28 charity tosses. They were given 14 personal fouls.

This was the Vols' second defeat in a row. Earlier CBC beat UTMB in an overtime by 4 points. The Vols led that game until the last two minutes.

Halftime score: CBC 47; UTMB 32.

UTMB 66	*CBC 80*
Hart 18	Clayborne 6
King 7	Kuran 15
Rucker 10	Lowery 21
Wilhaucks 3	Yacullo 14
Brown 10	Hoag 15
Jones 13	Carie 6
Jackson 2	Fitzgerald 3
Viniard 3	Hyland

Vols Hang On To Edge Union

By MAURICE FIELD

The Vols blew a 23 point lead that they had attained with seven minutes left to play to barely best Union by a slim 4 points January 14. The score at the half was 30 to 24. This was the Vols' seventh straight.

The first half was very draggy. Jones and Hart came out for the second half red hot as they completely led the last half scoring for the Vols. Hill and Forsythe of Union combined to score 19 points in a last big surge that nearly took the Vols.

Rucker and Brown did a fine job on the boards. They completely controlled them during the first half. Bill Brown led as he pulled in 13 rebounds.

The Vols' scoring was led by James Hart with 16 points, although he was closely followed by Jones and Viniard with 13 points each. Hill was high scorer for Union with 18 points.

The Vols attempted 66 field goals and made good 25 of them. They connected on 17 of 33 foul shots and were charged with 20 personal fouls. Thirty-eight rebounds were retrieved.

Union made 23 field goals and collected 16 of 29 foul shots. They pulled 23 personal fouls.

Halftime score: UTMB 30, Union 24.

UTMB 67	*Union 63*
Hart 16	Foysythe 8
Wilhaucks 3	Moore 5
Rucker 12	Evers 4
Brown 8	Lee 8
Jones 13	Orr 4
Jackson 2	Hill 18
Viniard 13	Scott 7
Thompson	Lynn 3
Shea	Sibley 6
Guenther	Hawkins

STUDENT'S HEIFER RATED SECOND IN ENTIRE COUNTRY

Tom Bell, a freshman agriculture student at UTMB, has received the second highest honor for his Holstein heifer in the United States. His animal was selected as the Reserve Junior All-American Junior Yearling Holstein in the United States recently by a panel of judges. His picture appears in the January issue of the *Holstein-Fresian World,* a national magazine of the breed.

Bell's animal, named Valla Vista Delores Triune, was 1st Junior and 12th in the Open at the International Dairy Show, first in class at the West Tennessee District Show at Dyersburg, first in her class at the West Tennessee Fair in Jackson, and 1st in the Open and -st and Reserve Junior Champion 4-H at the Tennessee State Fair.

Tom's home is in Friendship, Tennessee.

Paducah Upsets Favored Vols

By MAURICE FIELD

PJC stunned the UTMB Vols January 18 with a 72 to 69 setback. The score at halftime was 37 to 28 in favor of PJC. With ten minutes left in the game, the score was 55 to 51 and with only 5 minutes left the Vols pushed to within 2 points as the score stood at 63 to 61.

The first half was very uneventful for the Vols. Viniard and Rucker led the action in this half with 10 and 7 points respectively. The effort in the last half was well dispersed among six players. They were Jones, Rucker, Wilhaucks, Brown, Viniard and Hart. Each man was credited with 5 to 9 points.

Thompson of PTC led his team with 22 points and was also the game's high scorer. He was followed by Page, Ross and Smith with 14, 13 and 13 respectively.

Viniard led the Vols in scoring with 19 points. Rucker trailed him with 15 points.

Rucker and Brown did a fine job on the boards as they hauled in 14 and 12 rebounds in that order.

This was the Vols' second loss of the season and it snapped a 7 game winning streak. Earlier in the season the Vols shelled PJC quite readily.

The Vols hit only 29 of 81 field goal attempts and 11 of 18 foul shots. They made 15 personal fouls and pulled in 46 rebounds.

PJC hit 28 field goals and 16 of 20 free throws. They were charged with 16 personal fouls.

Halftime score: PJC 37, UTMB 28.

UTMB 69	*PJC 72*
Hart 7	Thompson 22
Rucker 15	Jett 6
Wilhaucks 10	Ross 13
Brown 6	Page 14
Jackson 2	Smith 13
Jones 10	Martin 2
Viniard 19	

STAN 'THE MAN' WINS IN GOLDEN GLOVES JACKSON TOURNEY

Stan Hawkins won the novice welterweight title in Jackson this week. Hawkins is a freshman from Isaac Litton of Nashville.

Until the title fight Hawkins hadn't seen the second round of a single fight. He won one by default but the others he polished off in short order in the first round. Among his victims were Joe Fulghum of Bolivar, George Taylor of Milan, Dale Hayes of Gates, and in the title fight, Charles Cochran of Covington. His last fight was won by decision.

Hawkins is coached by Ray Pollard and will now compete in the Mid-South Tournament of Champions.

Other fighters from UTMB were Tommy Richardson, David Hamlet and Leonard Riggins. Riggins was the only one to fight twice before joining the other two in defeat.

Indian Student Visits Campus

By LAWANNA WALKER

Miss Pamela Devaraj from Trichinopoly, India, and now a student at the University of Tennessee in Knoxville, visited on the campus January 16 through 19. While here Miss Devaraj was the guest of the Home Ec. Department and Miss Mary R. Armstrong, Head of the Department, under whose efforts Miss Devaraj came to U.T. to study.

Miss Devaraj received her Master's Degree in Psychology from Madras University and taught at Women's Christian College in Madras before coming to America. At present she is working toward a Master's Degree in Child Development in the Home Economics Department. She plans to return to India in March and will resume her job at WCC.

Miss Devaraj said she likes the United States and when asked what she thought of football declared it was "pretty exciting." One of the interesting differences she pointed out in the educational systems in the two countries is the system of examination. It might be of particular interest to the students here to know that in India they only have exams every two years. They must remember all they have learned for two years and be able to answer any questions given them by the examiners, who are not their instructors but teachers from other schools. There is very little repeating of courses so it is imperative that they learn their lessons well and retain what they have learned.

What's Your Answer, Please?

By ANN COX

QUESTION: *What do you think is the major difference between high school and college?*

ANSWERS:

Jere Freeman: College requires more time to study.

Barbara Brooks: In college you are more independent and you have a better opportunity to do your own thinking and decide your own actions.

M. K. Fields: Studying!!!

Betty Privette: By going to college you find that an education is more essential now.

Bobby Williams: Mr. King didn't teach chemistry in high school.

Glenda Abbott: The attitude that the students take toward their grades.

Ray Stockdale: The subjects you have to take.

Norma Roberson: The attitude that the students take toward each other. Everyone is friendly to everyone else.

Marshall Hughes: You *have* to study in college.

Charlotte Moore: In college everything is left up to the student. He is his own boss.

Jerry Arnold: College is to go to; not to stay at.

Harold Northcott: In college you are more on your own and you have to think for yourself.

Ann Ussery: In college you start leading your own life, making your own decisions, etc.

Norman Allison: You have more freedom in college.

Charles Youngerman: You are around the people more and you make better friends.

Janice Nowell: There are no popularity "cliques" in college; everyone has the same chance.

Melvin Humphreys: In high school you learn how to grow grey hair; in college you grow it.

Kay Adkins: In college you meet more people, make more friends, learn more, do more things, see more, have more dates and have more fun. In other words, it's GREAT!!!

Buddy Parker: Freedom of choice. In college you do or you don't and in high school you have to.

Sue Palmer: You have to study more and it's harder to get a date.

Wray Hopper: You can't get by without studying.

Robert Mulliniks: Independence.

Women's Intramurals

Kay Odem of Brown team won the major winter quarter individual sport when she took top honors in the ping pong tourney. She won the title by downing Becky Cashon of Green in the finals.

Doris Hettinger has been elected captain of Blue team. She replaces Ann Coltrain who dropped out of school at the end of the fall quarter.

Both the women's and the mixed shuffleboard tournament schedules are posted. Deadline for the first round in both divisions was January 25. All finalists from last year are out of school in the women's tourney and a wide-open battle is expected as a result.

A new award is being made this year in women's basketball. Four small individual trophies will be awarded to the most valuable players on each of the top four teams. Winners will be determined by vote of their teammates.

HONOR ROLL - -

(Continued from front page)

Hugh Taylor Bennett, Joyce Ann Bizzelle, Martha Jane Bolding, Karen Lee Bridges, Billy Claud Brown, Raymond E. Bryant, Madison H. Buckley, Jr., Joe Tinker Burton;

J. Douglas Chandler, Helen Claire Cherry, William Wright Clendenin, Carolyn Louise Click, Robert Mack Culp, Lyle Collin Durham, Robert D. Emerson, John E. Fowler, Jr., Glenn Dale Freeman, James Walker Gillespie, Virginia Lee Goss, Elizabeth B. Griggs, William Owen Hadley; Turner Odell Hailey, John Joel Harris, Doris Y. Hettinger;

Martha Fern Hickman, William Paul Hulley, Billy Joe Kindred, James Thomas Long, Charles Marshall Love, Harvey Eugene McFall, Billy Edwin McMurtry, Franklin Grady Milligan, Doris Ann Milner, Bobby Gene Moore, Charlotte Ann Moore, Jane Ann Moseley, Bobby Kent Nipp, Jane Kilgore Parrish, Beverly Jean Pouncey, Betty Joan Redmond;

Charles Daniel Roberts, James Alvin Sanders, Norma Evelyn Schwam, David B. Shoaf, William Joseph Stricklin, Margaret Louise Thompson, Martha Frances Thorne, Joyce Colwick Vineyard, Max Lewis Waddell, Barbara Ann White, Nota Elizabeth Whitfield, Clara Lynn Williams, Homer Hampton Williams, Franklin Danielle Wright, George Terry Yahr.